SECREE

ILLEGIB

SEGRET

		• <u>2</u>
(b)	Powe	er Flant
	(1) (2) (3) (4) (5) (6) (7) (8) (10) (11)	bumber and type of enginees are Sourct M-11 FR type engine, tractor mounted in the rate of the aircraft. Descriptions five cylinders at scallevel, vadial-engine. Take-off powers 165 hos separate at scallevel, 1,750 rpm. Normal powers 135 horseparate in scallevel, 1,600 rpm. Propeliers two bladed washed. Pitch control: fixed. Armaments none. Maximum freight load: 350 bilograms (including aircrew). Combat protections nodes. Type of fiels 18-72 ordine. Fuel tanks: not protected.
(c)	Air	Specifications -
	(1) (2) (3) (4) (5)	Constructions constructed completely of wood; rudders, allerons and elevators are covered with fabric. Wing spans 42 meters. Lengths 13.5 meters. Overall heights 2.35 meters. Additional informations designed as a primary and advance trainer; at may also be used as a liaison plane. Constructed to replace the PO-2 and OSS is type trainers.
(d)	Phys	stoal Churacteristics
	(1)	Wings: the wings were somether high on your column struts above the cockers and were supported by two angular struts which ran from the wing chord year to the junction with the landing gear. The wings were joined over the cockpit. A sketch is attached as recovered (4).
	(?) (3) (4) (5) (6) (7)	Space approximately 11 merces. Dihedrals ver, slight upward dihedral. Shapes surfaces tapering cutwardly from the wing root to approximately one-fifth of wing length and then tapering inwardly to wing tip. Surfaces swept back approximately 15 decrees. Wing tips square. Aspect ratio very low. Wing areas approximately 15.0 square meters. Chord lengths approximately 1.30 meters. Wing thickness: approximately 25 centimeters.
	(8) (9)	Flaps: nonc. Slots: fixed slots located approximately one-third of wing
	(10)	Length at the wing tip. Allerons: length: 2.5 meters. Width: 45 centimeters. Fabric covered.
(e)		ual Teatures: built-up portion to the rear of rear cockpit to ide steady airflow.
(r)		tructions wooden frame and process covered. Plywood skin approxi-
(g)	Empe	nage ILLEGIE
	(1)	Vertical surfaces: single the and redder. Fin constructed of wood frame, pand fabric cover is of wood on rudder.
	(2)	Herizontal surfa e shaped, and wood covered, with topering Le covered. No triver

11:55:1

Approved For Release 2004/02/10: CIA-RDP80-00809A000600010092-5

SECRET

L 3 ...

25X

(h) Unusual from wear the our most was equipped for glider towing. glider-tow attachment was locat a directly beneath the vertical stabilizer at the rear end of the fuselage. To strongthen the fuselage for glider towing, two stool cables, approximately five millimeters thick were installed in the mait, running from the tail of the plane along the floor of the feschage to a point located approximately under the front cockpit.

- (1) Landing gears thornal fixed type landing gear similar to that in the American Piper Cub. The main wheels used were old Piper Cub wheels taken from war surplus Cobs. The plane used an uncontrollable tail wheel. The approximate diameter of wheel was 25 centimeters. Main wheel strut was approximately 1.6 meters high, constructed of steel tubing and fabric covered, and utilized rubber shock absorbers located within the fuseles .
- (j) Fuel tanks: one aluminam tank located just forward of the front cockpit. The capacity of the bank is 160 liters and is filled from the tup.
- (k) 011 tanks: one aluminum tank located just forward of the gas tank. The capacity of the oil tank is 16 kilograms. Pitot tube located on the left wing strut.
- Points list I harsunder rafer to source's memory sketch of the "Kania" trainer 3. cockpat (rear pilot's cockpit). // tached as Enclosure (B)]
 - Plastic tockpit windshield
 - (b) Magnetic compass
 - Altimeta (c)
 - (d) Tachometer iddicator
 - Position and panel light swatches (e)
 - (f) Ignition switch
 - (g) Pitot head heater switch
 - Frimar fuel pump $\langle {
 m h} \rangle$
 - (1) (1) (k) (1) Throttle
 - Carburgton heater
 - Carburetor height correction mixture control
 - Gasoline fuel value (downward motion off)
 - Control stick
 - (n) Control stack neutralizing look
 - Flight indicator
 - Airspeed indicator
 - Fuel tank indicator (gascidas)
 - (r) 011 temperature indicator
 - Oil pressure indicator
 - (t) Brake locks
 - Rudder controls
 - (v)Starter-booster electro-magnetic. (In order to start, turn the manually operated handle to provide estra strong agnition sparks.)
- The front ecompit had a control stable, madder controls, throttle, carburstor 40 heating indicator, carburetor height correction, compass, altimeter, air speed indicator, and techometer,

a end a

25X1

Enolosurss:

Skatch of "KANTA" trainer cockpit layout sketch of "KANTA" trainer aircraft wing joints

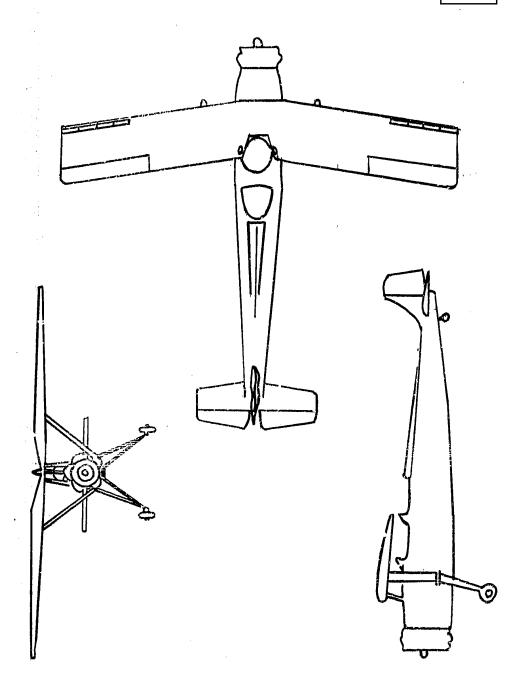
LACKEL

ENCLOSURE (A)

SECRET

SECRET





25X1

Sketch of Polish

"KANTA" Type Trainer Aircraft

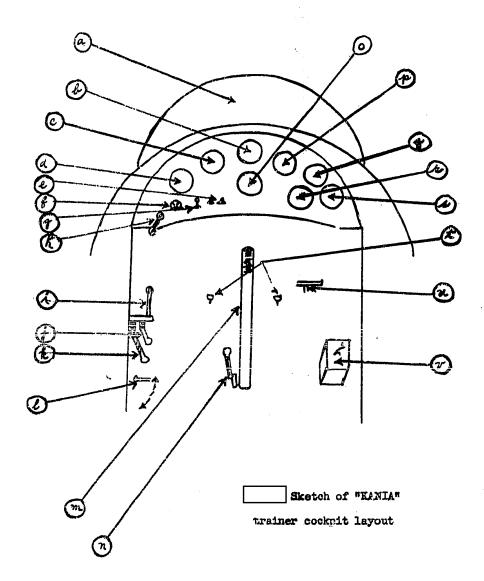
SECRET

SECRET

SECRET

ENCLOSURE (B)

SECRET



25X1

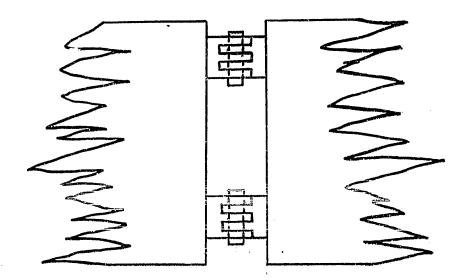
SECRET

SECRET

ENCLOSURE (C)

SECRET





25X1 sketch of "KANIA" trainer aircraft wing foints

SECRET

SECRET